

**PRODUCT****FSS COAT**

Protective Wall Covering for Exteriors

**DESCRIPTION**

FSS COAT is a solution of styrol-acrylic copolymers, selected colour pigments and inert mineral extenders of various types and granulometry. The peculiar characteristics of the elastomer guarantee an extraordinary resistance to atmospheric agents, to temperature changes, to marine environment, to the acidity of heavy industry areas and to the alkalinity of cement based conglomerates. Alkali resistant and lightfast pigments ensure long life of colours, even on external walls, particularly exposed to varying light impact and weather conditions.

Finally, the use of solvents with appropriate surface tension guarantees that the macromolecules in the film penetrate to the deepest zones of the wall through the surface porosity.

FSS COAT is, therefore, suitable to consolidate in great depth chalking and deteriorating wall surfaces and to offer a perfect adhesion even on particularly compact supports:

FSS COAT ensures the complete protection of the wall surfaces, without hindering its transpiration. While mildew and micro organisms do not affect it. Since the product does not contain water, it can be applied at low temperature and be stored without particular precautions.

Thanks to all its outstanding features, FSS COAT is particularly suitable for the protection and decoration of all types of wall surfaces under the most different weather conditions. Further, it has low values of water absorption and a high barrier effect against CO<sub>2</sub> and acid gases, so it proves to be very effective in protecting concrete structures from carbonation.

**SPECIFICATIONS**

Form:	solvent-born, one-component
Colours:	upon request
Density:	1.35 g/cm <sup>3</sup>
Solid content:	65%
Viscosity:	500 – 600 mPas
Tack free:	1 - 2 hour
Overcoating:	1 – 2 days
Diffusion resistance factor:	$\mu$ H <sub>2</sub> O : 10.000 $\mu$ CO <sub>2</sub> : 2.5 x 10 <sup>6</sup>
Limitations:	Not recommended when ambient and/or surfaces temperature are below + 5°C.
Storage life:	18 months (minimum) if stored in the original, tightly sealed containers
Packing:	6 Kg. and 30 Kg. in metal pails



## HOW TO USE

### SURFACE PREPARATION

For new wall surfaces: be sure that the substrate has been properly cured for at least 28 days and accurately cleaned, removing every trace of dust, dirt or loose parts. Verify that the wall is perfectly dry and apply one coat of FSS COAT PRIMER.

After 24 hours from the application of FSS COAT PRIMER proceed to apply the FSS COAT finishing coat. With low temperature, the time between coats should be suitably extended in order to obtain the complete evaporation of the solvent and avoid anaesthetic flaking on the finishing coatings.

For already painted and partially degraded wall surfaces: remove all traces of loose paint and occasional efflorescence. Clean surface thoroughly to eliminate dirt or dust, be sure that the wall is perfectly dry and fix the surface with one coat of FSS COAT PRIMER working through as indicated above.

### APPLICATION

In order to obtain an aesthetically good result and not to spoil it by spotting or flaking, it is absolutely necessary that the time between the two coats is such as to permit the complete evaporation of the solvents. Such interval should be of, about, 24 hours if the minimum ambient temperature is of 20-23°C., as the temperature goes down, the time intervals should be suitably extended up to 48 hours .

FSS COAT can be applied by roller, brush, airless spray.

In case of airless spray application, FSS COAT should be first diluted with about 20% of DILUENTE 101. It is mandatory not to dilute FSS COAT in a higher proportion than recommended. In order to avoid approximate dilutions, the use of a measuring container which allow users to respect the detailed instructions is recommended.

For roller and brush application: apply one coat of SINCOAT FSS PRIMER with a consumption of 150-200 gr/sq.m.

Apply two subsequent coats of FSS COAT, not diluted, with a consumption of 150-200 gr/sq.m. per coat.  
If the application is carried out indoor areas, ensure proper ventilation.

## CLEAN UP

Clean tools and equipment with SOLVENT "OMNIA".

All tests have been carried out at 23° C  
These data supersedes all previously published data.  
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SINIT S.r.l. – Via V. Chiarugi,76 – 45100 ROVIGO (ITALY)

Tel. ++39. 0425 361961(R.A.) – Fax ++39. 0425 410115

E-MAIL [sinit@tin.it](mailto:sinit@tin.it) [www.sinitworks.com](http://www.sinitworks.com)



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